

DIAMOND TESTING, LLC

TESTER : ANDY CARREIRA
CELL # 620-617-7202

General Information

Company Name	Raymond Oil Co. Inc.	Contact	Clarke T. Sandberg	Job Number	A008
Well Name	#1 Hineman Farm		Representative	ANDY CARREIRA	
Unique Well ID	DST#3 CHERO SAND "4580-4635"		Well Operator	Raymond Oil Co. Inc.	
Surface Location	sec 4-19s-27w LANE CNTY, KS		Report Date	2014/01/23	
Well License Number			Prepared By	ANDY CARREIRA	
Field	WILDCAT				
Well Type	Vertical				

Test Information

Test Type	CONVENTIONAL
Formation	DST#3 CHERO SAND "4580-4635"
Well Fluid Type	01 Oil
Test Purpose	Initial Test

Start Test Date	2014/01/23	Start Test Time	01:01:00
Final Test Date	2014/01/23	Final Test Time	09:58:00

Gauge Name 8471

Test Results

Recovery:	5'	MUD W/OIL SPCKS IN TOOL
	5'	TOTAL FLUID

TOOL SAMPLE: MUD W/ TRACE OIL



DIAMOND TESTING
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: #1Hineman Farm DST3

TIME ON: 01:01
 TIME OFF: 09:58

Company Raymond Oil Co. Inc. Lease & Well No. #1 Hineman
 Contractor LD Rig #1 Charge to Raymond Oil Co. Inc.
 Elevation 2718 Formation CHEROKEE Effective Pay _____ Ft. Ticket No. A008
 Date 1-23-14 Sec. 4 Twp. 19 S Range 27 W County _____ Lane _____ State KANSAS
 Test Approved By _____ Diamond Representative ANDY CARREIRA

Formation Test No. 3 Interval Tested from 4580 ft. to 4635 ft. Total Depth 4635 ft.
 Packer Depth 4575 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 4580 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
 Top Recorder Depth (Inside) 4561 ft. Recorder Number 5585 Cap. 5,000 P.S.I.
 Bottom Recorder Depth (Outside) 4581 ft. Recorder Number 8471 Cap. 10,000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 49 Drill Collar Length 0 ft. I.D. 2 1/4 in.
 Weight 9.4 Water Loss 6.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 2800 P.P.M. Drill Pipe Length 4548 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number #1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 60 ft. Size 4 1/2-FH in.
 Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: WEAK SURFACE BLOW (NObb)
 2nd Open: NO BLOW (NObb)

Recovered <u>5</u> ft. of <u>MUD W/ OIL SPCKS IN TOOL</u>	Price Job Other Charges Insurance Total
Recovered <u>5</u> ft. of <u>TOTAL FLUID</u>	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Remarks: _____	
TOOL SAMPLE: <u>MUD W/ TRACE OIL</u>	

Time Set Packer(s) 4:17 AM A.M. P.M. Time Started Off Bottom 7:47 AM A.M. P.M. Maximum Temperature 122
 Initial Hydrostatic Pressure..... (A) 2261 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 25 P.S.I. to (C) 26 P.S.I.
 Initial Closed In Period..... Minutes 60 (D) 49 P.S.I.
 Final Flow Period..... Minutes 45 (E) 26 P.S.I. to (F) 26 P.S.I.
 Final Closed In Period..... Minutes 75 (G) 39 P.S.I.
 Final Hydrostatic Pressure..... (H) 2245 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Raymond Oil Co. Inc.
DST#3 CHERO SAND "4580-4635"
Start Test Date: 2014/01/23
Final Test Date: 2014/01/23

#1 Hineman Farm
Formation: DST#3 CHERO SAND "4580-4635"
Pool: WILDCAT
Job Number: A008

#1 HINEMAN FARM

